

EQUIPMENT LIST

A. Equipment to be supplied by State Highway Administration:

QUANTITY	SPEC. UNIT	SECTION	DESCRIPTION
7	EA	814	12" one-way, three-section (R,Y,G) traffic signal head-mast arm mount.
2	EA	814	12" two-way, two-section pedestrian signal head - pole mount.
2	EA	814	12" two-way, two-section pedestrian signal head - pedestal mount.
115	SF	813	Sheet aluminum signs to consist of: 1 (EA) 36" x 36" R3-3B sign (symbol) No Left or U Turn - mast arm mount. 2 (EA) Variable X 16" D3-2 sign (road name panel)- mast arm mount. 2 (EA) 36" X 12" R6-1R sign "One Way" (Arrow) - pole mount. 1 (EA) 36" X 36" R3-3 sign "No Turns" - mast arm mount. 2 (EA) 36" X 12" R6-1L sign "One Way" (Arrow) - pole mount. 1 (EA) 8.5' X 6' G-1 guide sign - mast arm.
4	EA	817	Pedestrian pushbutton and sign.
1	EA	816	8 phase fully-actuated traffic signal controller in base mounted system ready cabinet. (14 loop detectors).

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B. Equipment to be furnished and/or installed by the Contractor:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
2	CY	205	Test pit excavation.
10	CY	801	Concrete foundation for signal poles and traffic signal controller cabinet.
5	EA	804	Ground rod-3/4" diameter x 10 foot length.

EQUIPMENT LIST (CONTINUED)

B. Equipment to be furnished and/or installed by the Contractor:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
390	LF	804	Bare copper ground wire (No. 6 A.W.G.).
420	LF	-	1" flexible PVC corrugated electrical conduit (color-orange) with an inner pull string.
50	LF	805	1" electrical conduit detector wire sleeve.
90	LF	805	2" schedule 40 electrical conduit-trenched/buried.
65	LF	805	3" schedule 40 electrical conduit-trenched/buried.
15	LF	805	4" schedule 40 electrical conduit-trenched/buried.
420	LF	805	4" schedule 80 electrical conduit-slotted.
2	EA	806	20 FT lighting arm and 250 Watt HPSV luminaire.
30	EA	805	2" electrical conduit-galvanized riser.
1	EA	807	Control and distribution equipment
830	LF	810	7-Conductor electrical cable (No. 14 A.W.G.).
90	LF	810	5-Conductor electrical cable (No. 14 A.W.G.).
1060	LF	810	3-Conductor electrical cable (No. 14 A.W.G.).
570	LF	810	2-Conductor electrical cable (No. 14 A.W.G.).
360	LF	810	2-Conductor electrical tray cable (No. 12 A.W.G.).
1920	LF	810	2-Conductor electrical cable aluminum shielded.
2700	LF	810	Loop wire (No. 14 A.W.G.) encased in-1/4 " flexible tube.
120	LF	810	1-Conductor electrical cable (No. 4 A.W.G.) - THWN.
8	EA	811	Handhole.
115	SF	813	Overhead sign.
7	EA	814	Traffic signal head.
4	EA	814	Pedestrian signal head.

EQUIPMENT LIST (CONTINUED)

B. Equipment to be furnished and/or installed by the Contractor:

QUANTITY	UNIT	SPEC. SECTION	DESCRIPTION
16	EA	814	Relocate existing signal head.
1100	LF	815	Sawcut.
1	EA	816	8 phase (fully actuated) controller and cabinet base mount.
4	EA	817	Push button and sign.
7820	LB	-	Traffic signal poles and mast arms: 1 (EA) 27' steel pole with twin 42' and 58' mast arms (NOTE: 4-2"x90" anchor bolts). 1 (EA) 27' steel pole with twin 36' and 60' mast arms (NOTE: 4-2"x90" anchor bolts).
192	LB	-	2 (EA) 8' galvanized traffic signal pedestal pole and transformer base.
160	LF	SP-555	24" white, permanent, preformed pavement marking tape.
1480	LF	SP-555	12" white, permanent, preformed pavement marking tape.
1	EA	-	As-built plans for traffic signal.

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C. Equipment to be removed by the Contractor and delivered to:

State Highway Administration, Office of Traffic and Safety, Signal Operations, 7491 Connelley Drive, Hanover, Maryland 21076. Contact Mr. Ed Rodenhizer at (410)787-7650 at least 48-hours in advance of delivery.

QUANTITY	UNIT	DESCRIPTION
6	EA	12" one-way, three-section (R,-Y,G) traffic signal head.
4	EA	12" one-way, two-section pedestrian signal head, pole mount.
2	EA	12" two-way, two-section pedestrian signal head, pole mount.
1	EA	Traffic signal controller and cabinet.

SS-06



RUMMEL, KLEPPER & KAHL
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

REVISIONS: REVISED 09/95 FOR THE US 29 IMPROVEMENTS S.H.A. NO. M 425-502-370	APPROVALS: ORIGINAL ON FILE
DIRECTOR OFFICE OF TRAFFIC & SAFETY	

MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION		LOG MILE #15002902.72
DRAWN BY: ZAJ DES. BY: ZAJ CHK. BY:	US 29 @ WB MD 193 GENERAL INFORMATION COUNTY: MONTGOMERY	
DATE: SEPTEMBER, 1995 SCALE: 1"=20'	F.A.P. NO. S.H.A. NO. M 425-502-370	TS/STD. NO.: SHEET NO. OF
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